Georgia Institute of Technology

John P. Imlay Jr. Dean of the College of
Computing

Georgia Tech
College of Computing

Heidrick & Struggles advises client organizations on the basis of an exclusive consulting assignment.

The Institution

Location	Atlanta, Georgia
About the Organization	The Georgia Institute of Technology ("Georgia Tech") is recognized nationally and internationally as a leading research university. A member of the prestigious Association of American Universities (AAU), Georgia Tech is ranked as one of the top 10 American public institutions by *U.S. News & World Report.* As a public research university, Georgia Tech is committed to developing leaders who advance technology and improve the human condition.
	Over the next decade, Georgia Tech will become an example of inclusive innovation, a leading technological research university relentlessly committed to serving the public good: breaking new ground in addressing the biggest local, national, and global challenges and opportunities of our time; making technology broadly accessible; and developing exceptional, principled leaders from all backgrounds ready to produce novel ideas and create solutions with real human impact.
	Georgia Tech is committed to developing committed, global leaders who can build bridges of collaboration around the world. Georgia Tech graduates drive innovation in business, government, and academia, and they lead transformative companies and create new ones. They also influence the thinking of other leaders in the private and public sectors.
	In pursuit of the vision, Georgia Tech will be a leader in educational innovation and develop a global learning platform of unmatched impact and scale to support learners throughout their life journeys. The Institute will work to push the boundaries of research while focusing on the most consequential problems faced by humanity. It will act as a creative engine that will position Atlanta and the State of Georgia as examples on inclusive entrepreneurship and innovation.
	Understanding that technological change is fundamental to the advancement of all people, the Georgia Tech community – students, staff, faculty, and alumni – abide by the motto of "Progress and Service." Georgia Tech has become a leader in improving the human condition in Georgia, the United States, and around the globe by steadfastly pursuing its goal to provide effective, innovative teaching and learning – as well as advances in research and entrepreneurship – in all facets of progress and service. The Institute's 2030 strategic vision, "Inclusive Innovation for a Better Future," is underway. The strategic plan positions Georgia Tech to leverage its strengths and further distinguish it as a distinctively different kind of university. The ten-year plan consists of six focus areas: 1) amplifying impact; 2) championing innovation; 3) connecting globally; 4) expanding access; 5) cultivating well-being; and 6) leading by example. In 2022, Georgia Tech announced an ambitious capital campaign, Transforming Tomorrow: The Campaign for Georgia Tech.
	Georgia Tech offers an innovative education to more than 45,000 undergraduate and graduate students through more than 130 majors and minors across six colleges and 30 schools. Over the past decade, Georgia Tech's enrollment has more than doubled with over 70 percent of the increase driven by its innovative online programs. During this same period, undergraduate enrollment applications have more than doubled and graduate applications nearly doubled. Georgia Tech has also made strides in increasing its diversity of faculty and students and is committed to being an inclusive community where talented individuals of all backgrounds can achieve success while contributing to advancing technology and improving the human condition.

The quality of the Georgia Tech educational experience is reflected in at least two important ways: consistently strong rankings by national publications/organizations and a highly regarded curriculum with a technological and scientific focus throughout all of its undergraduate programs. All the Institute's degree programs, including those in the liberal arts, offer Bachelor of Science degrees. Degree programs are offered through the Colleges of Computing, Design, Engineering, Sciences, the Scheller College of Business, and the Ivan Allen College of Liberal Arts. In addition, there are 10 interdisciplinary research institutes and more than 100 centers that consistently contribute vital research and innovation to both government and business.

Academic programs at Georgia Tech are consistently recognized for their excellence. In the 2024 *US News* Rankings, Georgia Tech is ranked #6 in Best Undergraduate Computer Science programs and the Graduate Computer Science Program is ranked #8.

Students

Georgia Tech attracts talented students from every state and 147 nations. Students are drawn to a collegiate atmosphere that has intercollegiate and intramural athletics, campus traditions, and over 500 student organizations. For the incoming class of 2023, Georgia Tech received 52,384 first-year applications with about 3,772 enrolled and 4,096 transfer student applications with 1,118 enrolled. Outside the traditional classroom and lab settings, the cooperative education and internship programs help students lay the groundwork for a successful future. Georgia Tech also serves a significant portion of online learners through 10 online Master of Science degrees and three hybrid professional master's degrees, built on the rigor of on-campus programs.

Faculty and Research

The high-quality faculty at Georgia Tech is another key contributor to its educational environment. The faculty are recognized worldwide for their dedication to teaching and their ability to secure over $1 billion annually in research support – and in FY 2023, the Institute achieved a milestone of nearly $1.45 billion in new sponsored activity. Among the active faculty, there are 22 members of the National Academy of Engineering and the National Academy of Sciences. Additionally, Georgia Tech has over 3500 PhD students enrolled, in addition to master's and undergraduate researchers.

Georgia Tech is one of the nation's most research-intensive universities. First rate research, funded by government agencies and industry, is conducted at all of Georgia Tech's academic colleges, dozens of interdisciplinary research units on and off campus and at the Georgia Tech Research Institute (GTRI).

GTRI, the applied research division of Georgia Tech with more than 2,900 employees supporting eight laboratories in over 20 locations around the country, performed more than $941 million of research activity for government and industry in FY 2023. Engaging in both unclassified and classified research and development, GTRI develops advanced technology solutions and large-scale system prototypes to address the most difficult problems in national security, economic development, and overall human betterment.

In Georgia specifically, Georgia Tech plays a leading role in the state's economic development strategy as the home of the state's leading business accelerator, ATDC, a magnet for business relocations, and a number of capacity building programs throughout the state. Georgia Tech's overall impact on the state of Georgia's economy is calculated at $4.5 billion for fiscal year 2022.

Georgia Tech Campuses & Locations

Georgia Tech's main campus spans over 400 acres in the heart of Atlanta. With the creation of the Tech Square innovation district, Georgia Tech helped transform its Midtown neighborhood into a thriving place to create, learn, live, work, and play. As the state's economic and cultural hub, Atlanta is packed with attractions, small businesses, high-tech startups, and multinational corporations, along with restaurants, theaters, museums, and concert venues. Within an easy walk to campus are green spaces and parks, including Centennial Olympic Park, Piedmont Park, and the Atlanta BeltLine — a globally-praised network of public parks, multi-use trails, and public transit options (originally designed by a graduate student in the School of City and Regional Planning at Georgia Tech).

Since 2013, approximately 30 corporations have established innovation labs, technology development centers, and headquarters operations in and around Tech Square. With Georgia Tech as the project sponsor and anchor tenant, CODA opened in 2019, a facility which contains 645,000 gross square feet of office space, along with a 940,000 gross square foot High-Performance Computing Center and cost approximately $375 million.

Aside from the main campus in Atlanta, Georgia Tech also has a campus in Savannah, Georgia. The Georgia Tech Research Institute, which is headquartered on the Atlanta campus, has numerous additional locations around Georgia and the United States.

International Presence

Georgia Tech has a significant global footprint, with a campus in Lorraine (France) and an instructional site in Shenzhen (China), as well as research centers in Asia and Latin America. Each year more than 2,000 students participate in over 100 programs abroad. Georgia Tech has programs and agreements in over 60 countries, along with research collaborations and alumni all over the world.

The University System of Georgia

Georgia Tech is part of the University System of Georgia (USG), which is composed of 26 higher education institutions, including four research universities, four comprehensive universities, nine state universities, and nine state colleges, the Georgia Public Library Service, and the Georgia Archives.

More information on Georgia Tech can be found at www.gatech.edu.

Leadership at Georgia Tech

President Ángel Cabrera

Ángel Cabrera is the 12th president of the Georgia Institute of Technology. Cabrera came to Georgia Tech on Sept. 1, 2019, after serving for seven years as president of George Mason University (GMU) in Virginia. During his presidency, GMU joined the top tier of research universities in the Carnegie Classification and was the fastest growing institution in the state. Before leading GMU, Cabrera was president of the Thunderbird School of Global Management, now part of Arizona State University, and dean of IE Business School in Madrid.

As a business educator, Cabrera has played a key role in advancing professional ethics, internationalization, and corporate social responsibility. In 2007, while serving as a senior advisor to the United Nations Global Compact, he was the lead author of the "Principles for Responsible Management Education" (PRME). A United Nations–supported initiative that advances sustainable development through management education, PRME has been adopted by more than 800 schools around the world. He is also a co-founder of the University Global Coalition, a global network of universities working in partnership with the United Nations in support of its Sustainable Development Goals.

Cabrera has been named a "Young Global Leader" by the World Economic Forum, a "Star of Europe" by Bloomberg Businessweek, a "Henry Crown Fellow" by the Aspen Institute, and a "Great Immigrant" by the Carnegie Corporation of New York. He has received honorary degrees from Miami Dade College and Universidad Politécnica de Madrid.

Cabrera serves on the boards of the National Geographic Society, Harvard College Visiting Committee, Atlanta Committee for Progress, Metro Atlanta Chamber, and Bankinter Innovation Foundation in Spain. He has served on the board of the Federal Reserve Bank of Richmond, the advisory boards of Georgia Tech and Instituto Tecnológico de Monterrey, and three publicly traded companies.

Cabrera earned his M.S. and Ph.D. in psychology and cognitive science from Georgia Tech, which he attended as a Fulbright Scholar. He also holds a B.S. and an M.S. in computer and electrical engineering from Universidad Politécnica de Madrid. His academic publications have been cited thousands of times, and he has been featured or quoted in leading media around the world.

Provost Steven W. McLaughlin

Steven W. McLaughlin is the provost and executive vice president for Academic Affairs at the Georgia Institute of Technology. He is a professor in the School of Electrical and Computer Engineering.

McLaughlin first joined Georgia Tech as a member of the faculty in 1996. From 2017-2020, he served as the Dean and Southern Company Chair of Georgia Tech's College of Engineering, the largest engineering college in the country. Prior roles include the Steve Chaddick School Chair in the School of Electrical and Computer Engineering from 2012-2017, and the vice provost for International Initiatives and Steven A. Denning Chair in Global Engagement from 2007-2012.

In 2014 he co-founded CREATE-X, a campus-wide effort to instill entrepreneurial confidence in students and help them launch companies. The program has successfully launched 225 student-led companies and engaged more than 4,000 students in the principles and practice of evidence-based entrepreneurship.

In 2011 he was awarded the honor *Chevalier dans l'Ordre Nationale de Merite*, (Knight of the French National Order of Merit), the second highest civilian award given by Republic of France. He was the first Georgia Tech recipient of the Presidential Early Career Award for Scientists and Engineers (PECASE) where he was cited by President Clinton "for leadership in the development of high-capacity, nonbinary optical recording formats." He is a past president of the IEEE Information Theory Society and is a Fellow of the IEEE.

His research interests are in the general area of communications and information theory. His research group has published in the areas of forward error correction and equalization in wireless communications, magnetic/optical data storage, data security, and privacy. He has advised more than 50 students and postdocs. His group has published more than 250 papers in journals and conferences and holds 36 U.S. patents.

He received the B.S.E.E. degree from Northwestern University, the M.S.E. degree from Princeton University, and the Ph.D. degree from the University of Michigan.

About the College of Computing	The College of Computing is one of six colleges at Georgia Tech, all home to highly ranked programs.

The College has been a leader in defining modern computing as a paradigm that combines the foundations of theoretical mathematics and information science, the force of invention in computational systems and processes, and interdisciplinary practice that integrates innovation in computing with all facets of life.

Georgia Tech's College of Computing is one of the top-ranked academic programs in the nation, comprised of five schools that offer unique academic programs and conduct research specifically related to their concentration areas:

- Computer Science: defines the foundations and advances the frontiers of computing by developing research and tools that power computers now and into the future.

- Cybersecurity and Privacy: brings together researchers from across multiple colleges and the Georgia Tech Research Institute to create a new frontier in interdisciplinary research and education.

- Interactive Computing: redefines the human experience of computing by examining the impact of computation and computing-mediated interactions on everyday life.

- Computing Instruction: teaches computer science to every undergraduate on campus, and investigates new techniques and technologies for scalable computing instruction

- Computational Science and Engineering: makes fundamental advances in the creation and application of new computational methods and techniques.

The College's mission is central to the Institute's future, and its faculty and staff collaborate across colleges, including the top-ranked and largest College of Engineering in the nation, as well as the College of Sciences, the Ernest Scheller Jr. College of Business, the Ivan Allen College of Liberal Arts, and the College of Design. In addition, there are ongoing efforts and program collaborations are encouraged with the Georgia Tech Research Institute (GTRI) and Georgia Tech Professional Education (GTPE).

Enrollment, Staff, and Faculty

- Undergraduates: 4,600 undergraduates *(2022)*
- On-Campus Graduate Students: 2,000 *(2022)*
- Online Master's: 11,500 *(2022)*
- Tenured/Tenure-Track Faculty: 120
- Teaching Faculty: 24
- Non-Teaching Faculty: 8
- Research Faculty: 45
- Instructional Associates: 300
- Support Staff: 165

Programs and Degrees

The College offers undergraduate degrees in Computer Science and Computational Media, and graduate degrees in Computer Science and Human-Centered Computing.

Bachelor's Degrees & Minors

- B.S./M.S. Program in Computer Science
- Bachelor of Science in Computational Media
- Bachelor of Science in Computer Science

- Minors in Computational Data Analysis; Computing & Devices; Computing & Information Internetworks; Computing & Intelligence; Computing & Media; Computing & People; Computing & Systems and Architecture; Computing & Theory; Scientific Engineering and Computing

Master's Degrees

- B.S./M.S. Program in Computer Science
- M.S. Computational Science and Engineering
- Master of Science in Analytics
- Master of Science in Bioengineering
- Master of Science in Computational Science & Engineering - Distance Learning
- Master of Science in Computer Science
- Master of Science in Cybersecurity
- Master of Science in Human-Computer Interaction
- Master of Science in Robotics
- Online Master of Science in Computer Science (OMS CS)

Doctoral Programs

- Ph.D. in Algorithms, Combinatorics & Optimization
- Ph.D. in Bioengineering
- Ph.D. in Bioinformatics
- Ph.D. in Computational Science and Engineering
- Ph.D. in Computer Science
- Ph.D. in Human-Centered Computing
- Ph.D. in Machine Learning
- Ph.D. in Robotics

Research and Centers

Georgia Tech prides itself on a long history of interdisciplinary work, and GT Computing research centers continue this tradition of reaching across academic boundaries to tackle important problems. The College of Computing provides an intellectual home for centers devoted to both practical and theoretical application, in areas from hardware systems and information security to robotics and human-computer interaction. While based in computing, each center includes faculty from other Georgia Tech units who work collaboratively with the college in service of common goals.

The College executed $40M in research in 2022.

Research Centers

- Algorithms & Randomness Center
- Center for Deliberate Innovation
- Center for Experimental Research in Computer Systems
- Center for Research into Novel Computing Hierarchies
- Constellations Center for Equity in Computing
- Machine Learning Center

Affiliated Research Centers and Institutes

- Center for 21st Century Universities
- Institute for People and Technology
- Institute for Robotics and Intelligent Machines
- Institute for Data Engineering and Science

Innovation: Threads

The College has a tradition of innovation in education, pioneering the Threads concept in undergraduate education, a curriculum that builds on a base of fundamentals in programming and computational theory to allow each student the opportunity to explore a variety of computing paths in depth. There are eight Threads, each providing a focused journey through a broad spectrum of course offerings at Georgia Tech in preparation for a distinctive future in a changing and interconnected world. Each student selects two Threads to fulfill the requirements for an accredited Bachelor of Science degree in computer science.

Facilities

The College's facilities include four buildings across the heart of campus, and Technology Square, home to its research centers, labs, classroom spaces, and administrative offices.

The Position

Title	John P. Imlay Jr. Dean of the College of Computing
Reports to	Provost and Executive Vice President, Academic Affairs, Steven W. McLaughlin
Location	Atlanta, GA
Summary of the Role	The College of Computing at the Georgia Institute of Technology seeks an ambitious, strategic, and decisive academic leader for its next Dean.

The Dean will join at a momentous time for the College, having reached an unprecedented level of enrollment growth and prominence at the Institute—and against the backdrop of growing awareness and emphasis on computing topics like AI and cybersecurity in society, broadly. To that end, given the increasingly central role of computing across every major sector: the opportunity for the College to play a key role in shaping the very future of global computing has come into sharper focus. Accordingly, the next Dean will help amplify the College's impact within the Institute, across industries, and around the world, while espousing the broadest sense of the discipline.

As the College serves every undergraduate student during their Georgia Tech experience through the general education curriculum, its role at the Institute is a central one, and the Dean will continue a culture of collaboration across the Institute. Likewise, the College's enrollment is at an all-time high, between the introduction of innovative programs like the Online Master of Science in Computer Science and an increasing demand from undergraduate students. This growth necessitates additional efforts to optimize efficiency and ensure the proper infrastructure, staffing, and resources, as well.

The Dean will bring a successful record of leadership experience relevant to a complex academic setting and an outstanding record of scholarly achievement and international reputation in the broader community of one of the College's disciplines. This is a tenured faculty position, and the candidate must have a record of scholarship consistent with a tenured position in the College.

The successful candidate will demonstrate a commitment to engagement with and development of faculty, staff, students, and external stakeholders, as well as advancing diversity, inclusion, and belonging efforts, in a meaningful way.

The Position

Responsibilities	As chief academic and administrative officer of the College of Computing, the Dean is responsible for providing leadership for the following specific activities:

Leadership and Strategic Planning: The Dean articulates the long-range vision, specific strategies, and detailed administrative and fiscal provisions to ensure the excellence of faculty teaching and research. A commitment to promoting the Institute as a whole, to participative management and open decision-making are important components of the position.

Faculty Appointments: The Dean is responsible for the recruitment, appointment, reappointment, promotion, and tenure of faculty in the College; in doing so, the Dean ensures that the Institute's objectives, with respect to the quality and diversity of the faculty, are met or exceeded.

Budgetary and Administrative Oversight: The Dean is responsible for all aspects of the College's budget, consistent with the Institute's financial guidelines. Other principal areas of administrative responsibility include the allocation, stewardship of and planning for academic facilities, as well as the establishment of effective internal controls within the College.

Stewardship and Development: The Dean has primary responsibility for articulating the philanthropic aspirations of the College of Computing in conjunction with the long-range plans of the College and the Institute. In addition, the Dean plays a critical role in ensuring that the donor funds received are well stewarded.

Multidisciplinary Partnerships: The Dean is responsible for managing the College's engagement in cross-campus, multidisciplinary partnerships, balancing the equities of advancing computing and the greater collaborative Institute. |

The Person

Pivotal Experience & Expertise	**Strategic and Organizational Management:** An experienced academic leader with a track record of success in a large, complex organization in (or relevant to) academia; business acumen that demonstrates an astute understanding of finances and the relationship between academic priorities and the budget and operational efficiencies. A record of accomplishment in recruitment, retention, and equity for outstanding faculty or staff, and students, including women and those traditionally underrepresented in STEM fields.

Operational Implementation and People Management Skills: Demonstrated evidence of the ability to manage a complex and growing College, including effective management of programs, financial resources, staff, and infrastructure. Strong people management skills with the ability to recruit, retain, and develop a diverse and talented team.

Intellectual Leadership: A distinguished teacher and scholar who has a passion for students, research, and service. If the candidate comes from outside the academe: a genuine, palpable appreciation for the importance of research in a computing school, and an aptitude to advance teaching and peer-reviewed scholarship. |

The Position

Resource and Relationship Building: A record of developing mutually beneficial partnerships within and outside an institution. A demonstrated ability to partner effectively with faculty, the President, the Provost, Deans, and other members of the University's senior leadership team.

Diversity, Equity, Inclusion, and Belonging: A demonstrated commitment to maintaining a culture of diversity, equity, inclusion, and belonging; an understanding of its importance to the mission and richness of the College and its ongoing success.

Nomination/Application Information

While applications and nominations will be received until the dean is selected, interested parties will be encouraged to submit their application materials by November 24, 2023.

Georgia Institute of Technology will be assisted by Jackie Zavitz, Ellen Brown Landers, and Meghan Ashbrock of Heidrick & Struggles, Inc. Nominations and applications should be directed to:

GTcomputingdean@heidrick.com

Georgia Tech provides equal opportunity to all faculty, staff, students, and all other members of the Georgia Tech community, including applicants for admission and/or employment, contractors, volunteers, and participants in institutional programs, activities, or services. Georgia Tech complies with all applicable laws and regulations governing equal opportunity in the workplace and in educational activities. Georgia Tech prohibits discrimination, including discriminatory harassment, on the basis of race, ethnicity, ancestry, color, religion, sex (including pregnancy), sexual orientation, gender identity, national origin, age, disability, genetics, or veteran status in its programs, activities, employment, and admissions. This prohibition applies to faculty, staff, students, and all other members of the Georgia Tech community, including affiliates, invitees, and guests.

Georgia Tech is a member of the University System of Georgia (USG), where every member of the community is required to adhere to the USG Statement of Core Values – Integrity, Excellence, Accountability, and Respect – that form and guide the daily work of the organization. USG and its institutions foster an environment where all members of the USG community are free to share ideas and opinions. Learn more about Academic Freedom and Freedom of Expression.